

REMARKS

By this Preliminary Amendment, Applicants cancel claims 16-29 without prejudice or disclaimer, amend claims 7-9, 13, 14, and 33, and add new claim 34. Thus, claims 1-15 and 30-33 are pending in this application.

CONCLUSION

Attached hereto is a marked-up version of the changes made to the claims by this amendment. The attachment is captioned "Appendix to the Preliminary Amendment of September 26, 2002" Deletions appear as normal text surrounded by [] and additions appear as underlined text.

Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 06-0916.

Respectfully submitted,

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APPENDIX TO PRELIMINARY AMENDMENT OF SEPTEMBER 26, 2002

Version with Markings to Show Changes Made

Amendments to the Claims

Please amend claims 7-9, 13, 14, and 33, as follows:

7. (Amended) An electro-optic device as claimed in claim 5 [or claim 6], wherein the solid state imager further comprises erasing means for erasing an image corresponding to one of the plurality of beams.

8. (Amended) An electro-optic device as claimed in claim 5 [or claim 6], wherein the solid state imager further comprises overwriting means for overwriting an image corresponding to one of the plurality of beams.

9. (Amended) An imaging arrangement for two dimensional optical data represented by at least two beams of electromagnetic radiation, the arrangement comprising means for gating and converting the beams into image data which means for gating and converting the beams into image data includes a single electro-optic device as claimed in [any one of the] claim[s] 1 [to 8] wherein the independently gated portions correspond to each of the at least two beams of electromagnetic radiation.

13. (Amended) An imaging arrangement as claimed in [any one of the] claim[s] 9 [to 12], further comprising means responsive to an event for storing converted image data which was converted before the event.

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33. (Amended) Apparatus as claimed in claim 2 [or claim 3], wherein the image intensifier comprises a photocathode which photocathode is controlled capacitively by a segmented, external electrode.

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